

**VACANCY ANNOUNCEMENT FOR VISITANT PROFESSOR**

**PUBLIC CALL (EDITAL) #069/2023**

***Number of vacancies and areas of knowledge:***

1 (one) on Theoretical and Computational Neuroscience; with emphasis on:

- ❖ Theoretical and Computational Neuroscience; Quantitative Methods in Neuroscience.

Areas of knowledge to be contemplated:

Theoretical and Computational Neuroscience; Quantitative Methods in Neuroscience.

***Requirements:***

I – any Doctoral Degree obtained for at least 2 (two) years;

II – Physical and mental health for the job;

III – Other documents required (UFABC will intermediate visa process for foreigners)

***Remuneration and term of employment:***

❖ R\$ 10.481,64 monthly per 40 weekly hours of work for one year, annually extensible up to 4 (four) years for foreigners

***Required documents and application:***

I – any Doctoral Degree

II – Curriculum vitae or generated on <http://lattes.cnpq.br/>

III - List of the items of the curriculum presented for the Title Test provided for in item 7.2, according to the model available in the Selection Process section of the website [www.ufabc.edu.br](http://www.ufabc.edu.br)

IV – Curriculum items supporting documents such as published articles, book chapters, certificates etc. (check curriculum analysis chart on the appendix)

V - research project and/or work plan, referenced and contextualized to the special program, area of knowledge of option and to the Pedagogical Project of UFABC, **with a maximum of twelve (12) pages**

All documents must be sent as a single zip folder (up to 200MB) until **22/january/2024 (BRT)**, through the website:

<https://sig.ufabc.edu.br/sigrh/public/home.jsf>

(menu Concursos / Concursos abertos /  Inscrever-se no concurso)

***Detailed characteristics of the vacancy:***

Special Teaching, Research or Outreach program:

Special Program for the Development of Theoretical and Computational Neuroscience: This program aims to develop and expand the triad of Teaching-Research-Outreach in the field of theoretical and computational neuroscience and quantitative methods in neuroscience at UFABC. This will be achieved through the hiring of visiting professors specializing in these areas. The program has the following

objectives:

- Strengthen current research groups and establish new research groups in theoretical and computational neuroscience and quantitative methods in neuroscience.
- Establish collaborations with researchers from other educational and research institutions (national or international) to enhance scientific exchange in theoretical and computational neuroscience and quantitative methods in neuroscience.
- Improve the teaching curriculum and programs in the field of theoretical and computational neuroscience and quantitative methods in neuroscience, both at the undergraduate and postgraduate levels, based on the experiences and knowledge of visiting professors.
- Strengthen existing cultural and extension activities and develop new ones related to theoretical and computational neuroscience and quantitative methods in neuroscience, drawing on the experiences and expertise of visiting professors.

Considering the program's objectives in teaching, research, and extension, visiting professors are expected to engage in the Teaching-Research-Extension triad in the field of theoretical and computational neuroscience at UFABC as follows:

**Teaching:** Visiting professors will contribute to enhancing the practical aspects of UFABC's teaching programs in the field of theoretical and computational neuroscience and/or quantitative methods in neuroscience. In the Bachelor's in Neuroscience program, the Visiting Professor will teach courses in the subfield of Theoretical and Computational Neuroscience, particularly in Theoretical and Computational Neuroscience, Artificial Intelligence, and Evolutionary and Connectionist Computing; and in the subfield of Quantitative Methods in Neuroscience, particularly in Neural Signal Processing, Biosteach mandatory or limited-option related courses in the Bachelor's in Science and Technology program, such as Directed Projects, Computational Foundations of Science, Information Processing, and Nature of Information, among others.

**Research and Postgraduate Studies:** Depending on their expertise and research area, Visiting Professors will be expected to participate in courses offered by the Graduate Program in Neuroscience and Cognition and engage in collaborative research activities with established research groups at the University. Additionally, Visiting Professors may encourage the formation of new research groups in the field of theoretical and computational neuroscience and quantitative methods in neuroscience.

**Outreach:** Visiting Professors will assist the Bachelor's in Neuroscience program in conducting outreach activities, not only for promoting the course but primarily to engage in outreach activities in the field of neuroscience. Among these activities, their potential contributions may include research and extension activities at the Interdisciplinary Center for Applied Neuroscience (NINA) at UFABC.

***Additional information:***

Further information can be found on the Public Call (Edital) 069/2023, available at: <https://www.ufabc.edu.br/concursos/docentes/inscricoes-abertas> (Portuguese only)

Results of the public selection will be published within 90 days from the closing of application period, on <https://www.ufabc.edu.br/concursos/docentes>



**Federal University of ABC (UFABC)**

